LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083789.D
Acq On : 15 Dec 2015 00:44
Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.961	161	164	167	rVB	102545	152889	1.74%	0.194%
2	5.081	259	262	265	rBV	194569	231647	2.64%	0.294%
3	5.367	284	287	290	rBV	3061690	4654325	53.11%	5.907%
4	5.504	294	299	302	rBV	5060943	8025801	91.58%	10.187%
5	5.744	317	320	322	rBV	1071397	1429177	16.31%	1.814%
6	6.064	346	348	350	rBV	877543	819466	9.35%	1.040%
7	6.362	372	374	376	rBV	1493138	1254289	14.31%	1.592%
8	6.430	377	380	381	rVV	840950	794734	9.07%	1.009%
9	6.464	381	383	385	rVV	2525585	2631280	30.02%	3.340%
10	6.522	385	388	392	rVB	651810	1142545	13.04%	1.450%
11	6.590	392	394	397	rBV	3447546	4319375	49.29%	5.482%
12	6.670	398	401	403	rVV	2293021	2331019	26.60%	2.959%
13	6.739	404	407	409	rVV	5274567	8763822	100.00%	11.123%
14	6.864	413	418	420	rBV2	80696	178570	2.04%	0.227%
15	6.899	420	421	424	rVV	795213	714600	8.15%	0.907%
16	6.967	424	427	429	rVV	3954501	4149559	47.35%	5.267%
17	7.059	431	435	436	rVV	2084477	2178768	24.86%	2.765%
18	7.093	436	438	440	rVV	4225893	4456001	50.85%	5.656%
19	7.150	442	443	445	rBV2	158134	182017	2.08%	0.231%
20	7.230	448	450	454	rBV2	112397	243397	2.78%	0.309%
21	7.299	454	456	458	rVV	145538	129511	1.48%	0.164%
22	7.367	461	462	465	rVV	95896	116351	1.33%	0.148%
23	7.459	466	470	474	rVB3	1605995	2843286	32.44%	3.609%
24	7.676	484	489	493	rVB2	368012	556039	6.34%	0.706%
25	7.745	493	495	497	rBV2	82119	102512	1.17%	0.130%
26	7.779	497	498	501	rVB2	105197	165406	1.89%	0.210%
27	7.859	501	505	507	rBV	673029	788439	9.00%	1.001%
28	7.927	508	511	513	rVV2	1539437	1953861	22.29%	2.480%
29	7.973	513	515	518	rVV	400741	687870	7.85%	0.873%
30	8.030	518	520	521	rVB	95784	102671	1.17%	0.130%
31	8.213	530	536	538	rVV2	4139904	5740892	65.51%	7.287%
32	8.293	541	543	546	rBV2	102328	119811	1.37%	0.152%
33	8.362	546	549	552	rVV3	106393	156171	1.78%	0.198%
34	8.442	552	556	557	rVV2	141938	165156	1.88%	0.210%

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Instrument : BNA_F
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Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.476	557	559	561	rVB2	147137	154242	1.76%	0.196%
36	8.647	572	574	576	rVB2	90188	135215	1.54%	0.172%
37	8.773	581	585	587	rBV2	152909	211960	2.42%	0.269%
38	8.853	589	592	593	rVB	75192	103434	1.18%	0.131%
39	8.899	593	596	598	rBV	447291	464671	5.30%	0.590%
40	8.990	602	604	607	rVV3	407747	552879	6.31%	0.702%
41	9.070	609	611	612	rBV	118922	125805	1.44%	0.160%
42	9.265	625	628	630	rBV	3714608	3805960	43.43%	4.831%
43	9.939	684	687	689	rBV	1258686	1194625	13.63%	1.516%
44	10.168	706	707	710	rVV	117668	153240	1.75%	0.194%
45	10.728	753	756	758	rBV	2279567	2548464	29.08%	3.235%
46	11.413	814	816	819	rBV2	993121	1094135	12.48%	1.389%
47	11.631	833	835	839	rVB	125513	114942	1.31%	0.146%
48	12.785	933	936	938	rBV	151637	191503	2.19%	0.243%
49	13.002	952	955	958	rBV	3177666	3730942	42.57%	4.735%
50	13.779	1021	1023	1026	rBV2	84396	112039	1.28%	0.142%
51	14.042	1044	1046	1049	rBV	795974	1041548	11.88%	1.322%
52	15.482	1169	1172	1175	rBV	640649	771165	8.80%	0.979%

Sum of corrected areas: 78788026

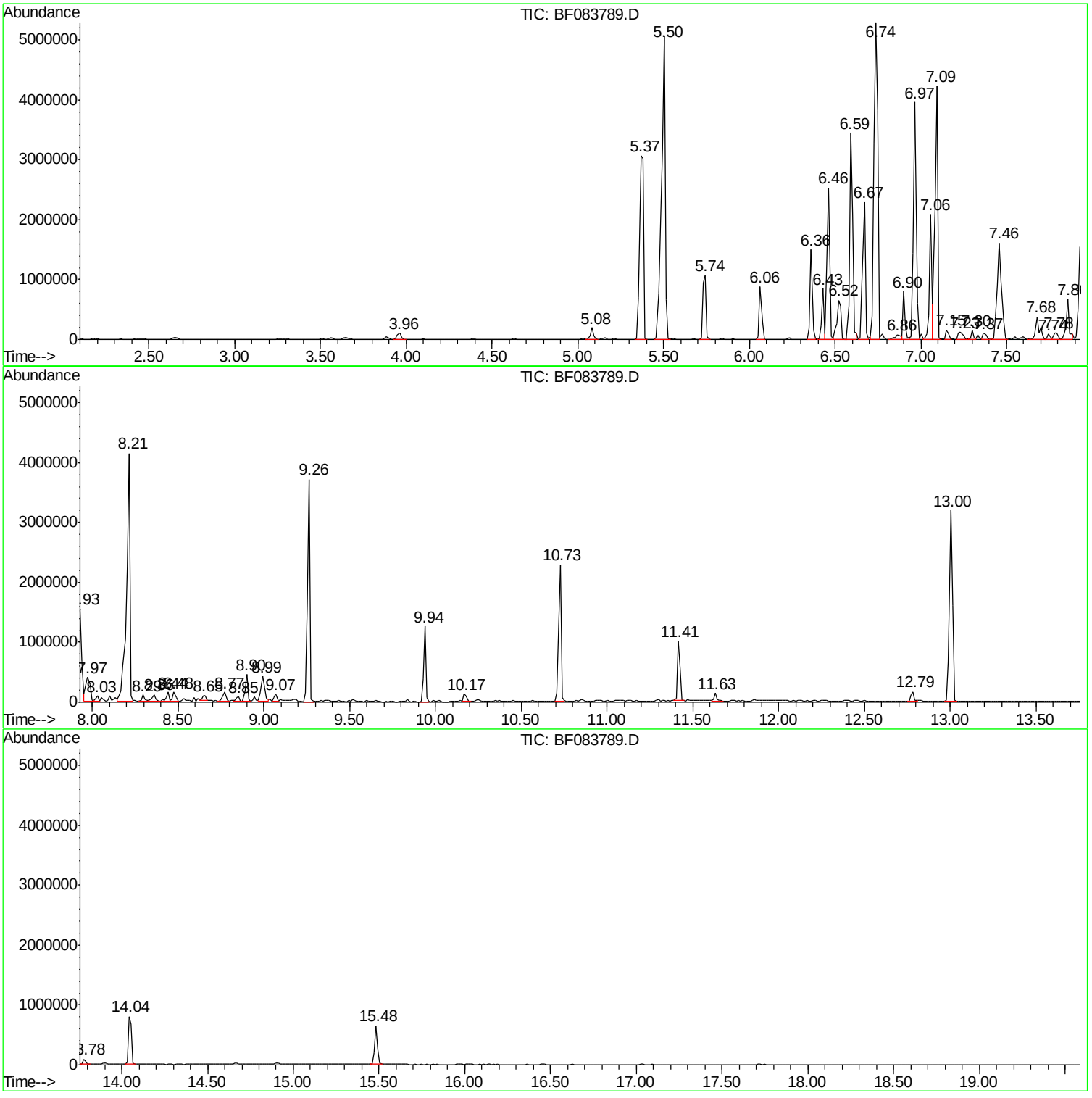
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083789.D
Acq On : 15 Dec 2015 00:44
Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083789.D
Acq On : 15 Dec 2015 00:44
Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

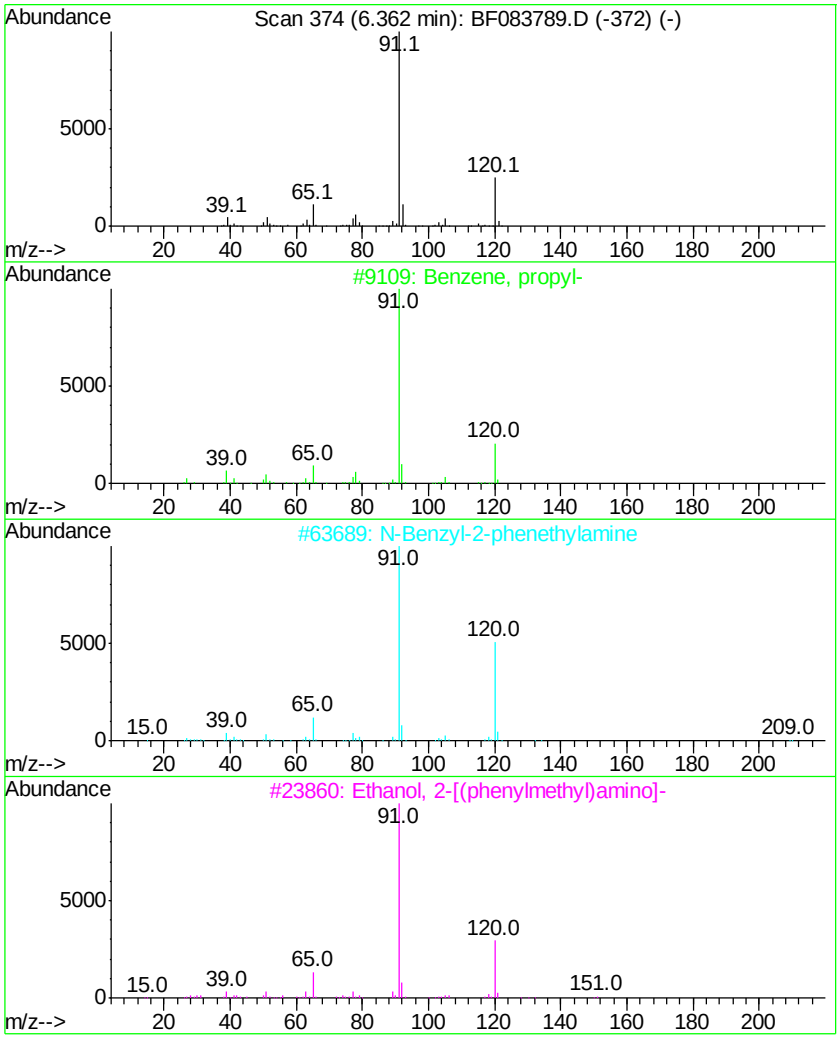
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

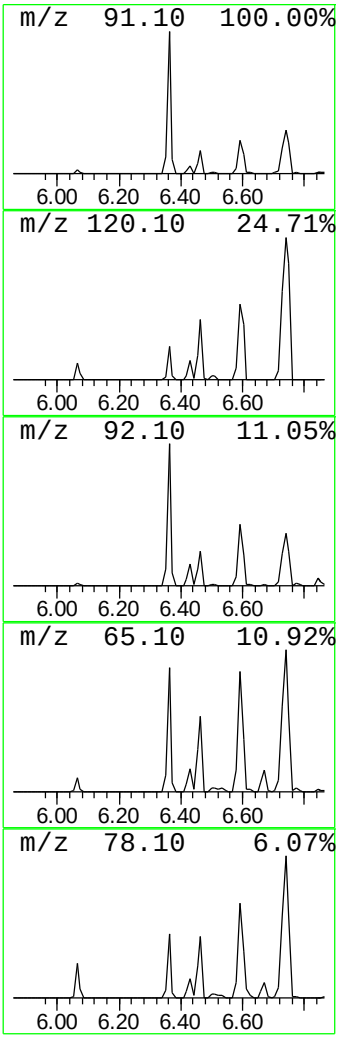
****

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	35.10 ng	1254290	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083789.D
Acq On : 15 Dec 2015 00:44
Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

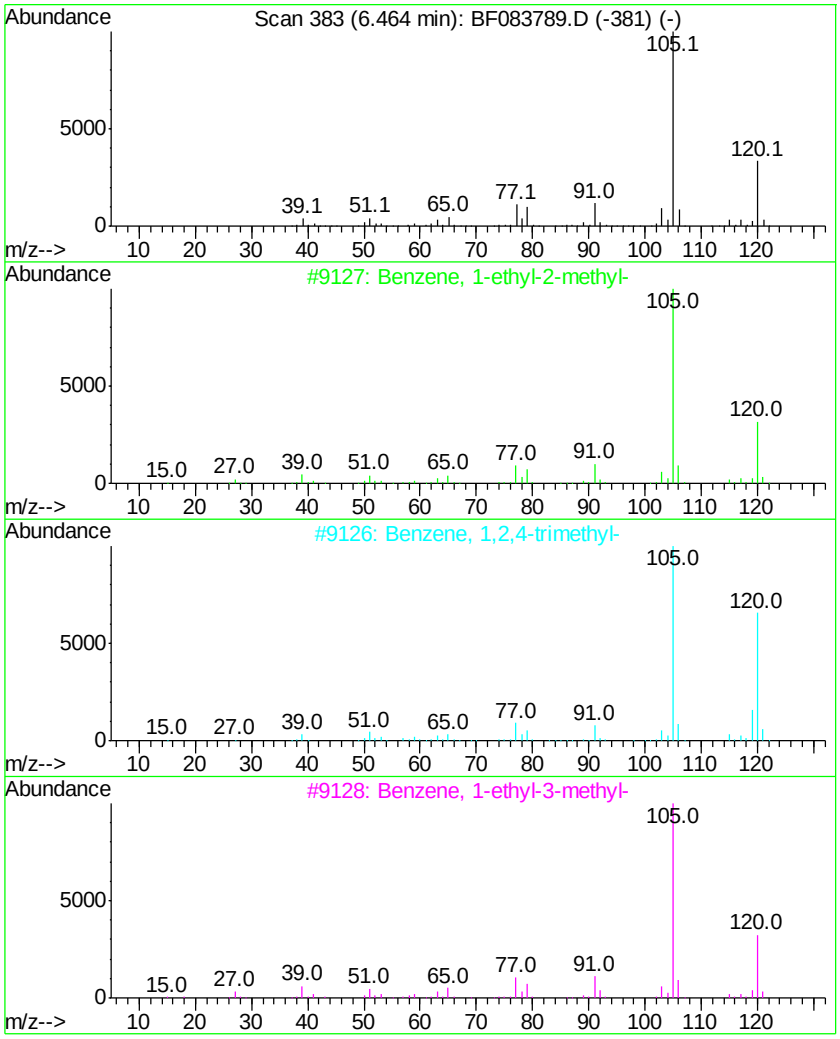
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

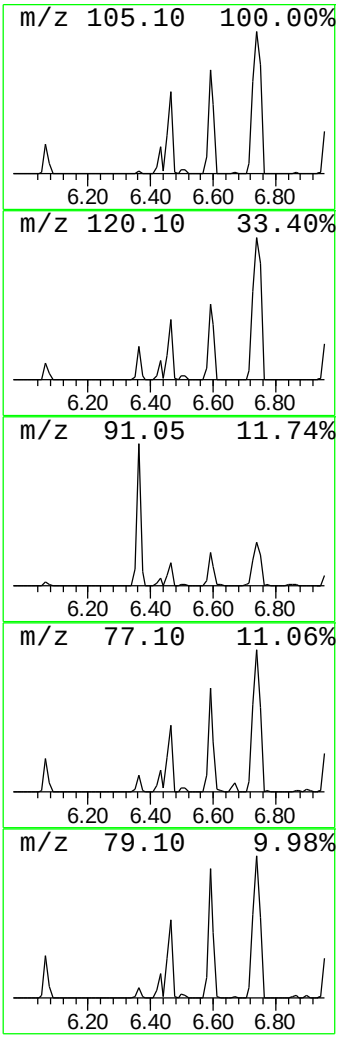
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	73.64 ng	2631280	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083789.D
Acq On : 15 Dec 2015 00:44
Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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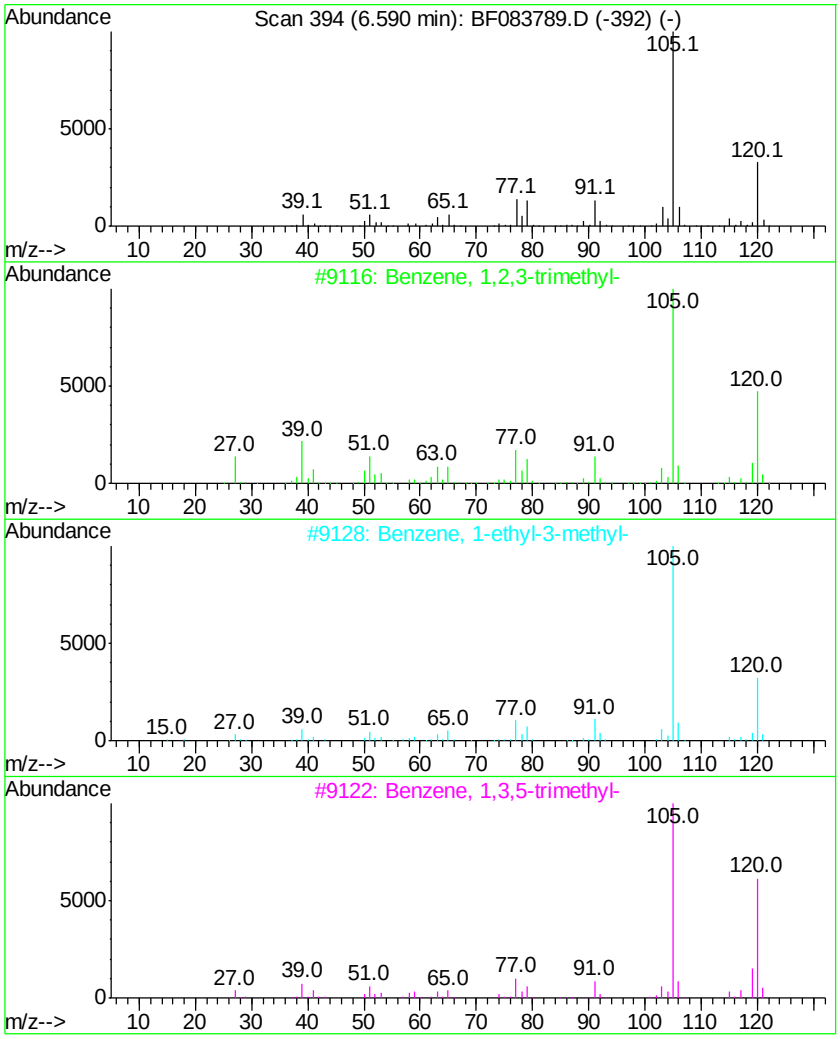
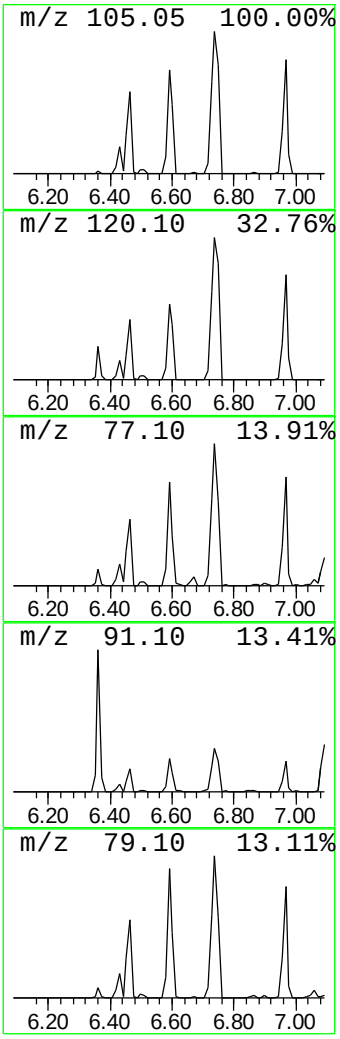
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	120.89 ng	4319380	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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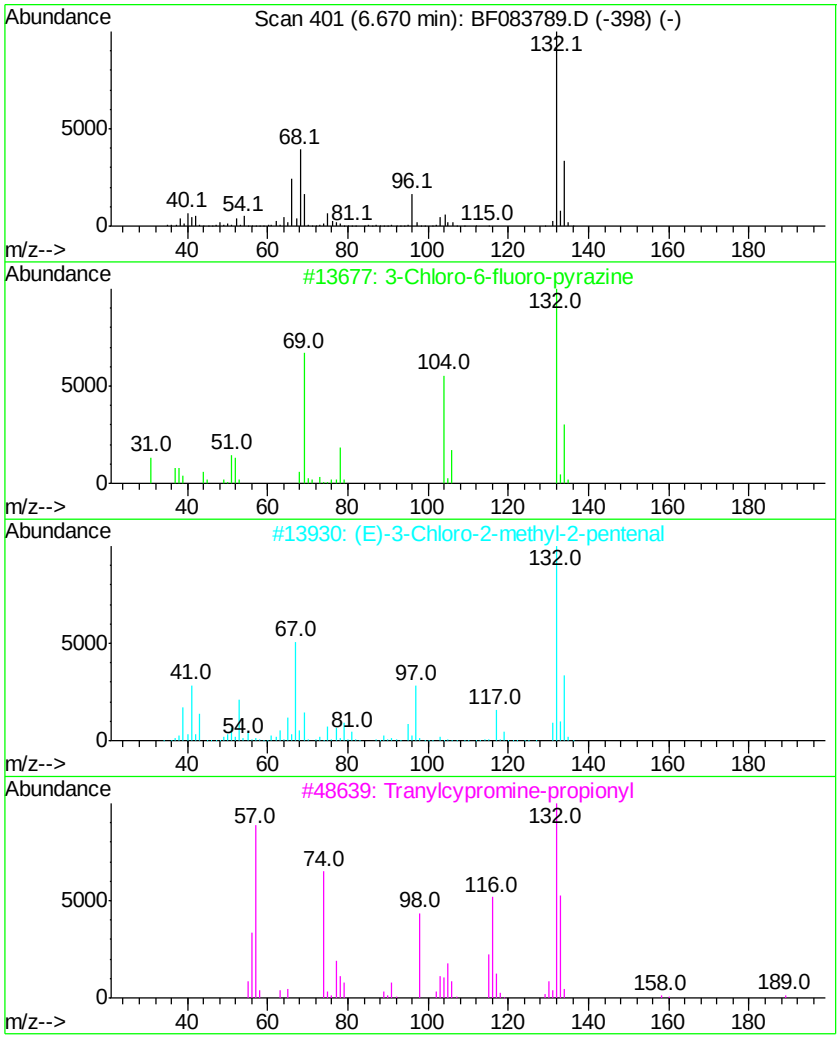
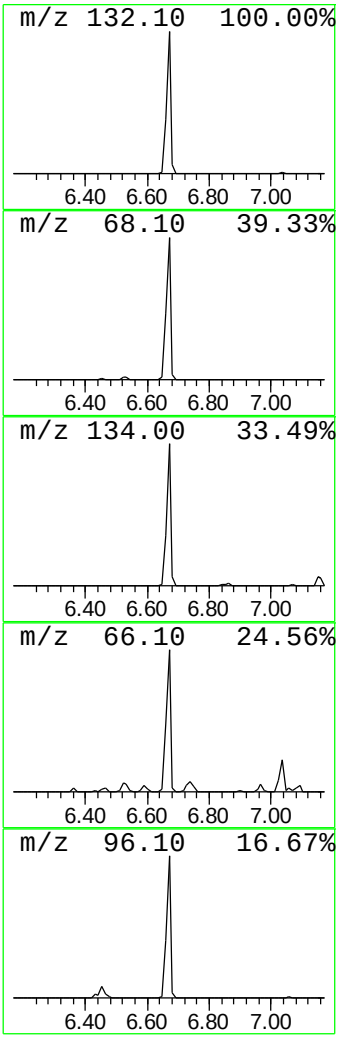
Peak Number 6 unknown6.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	65.24 ng	2331020	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/IZ
Sample : G4779-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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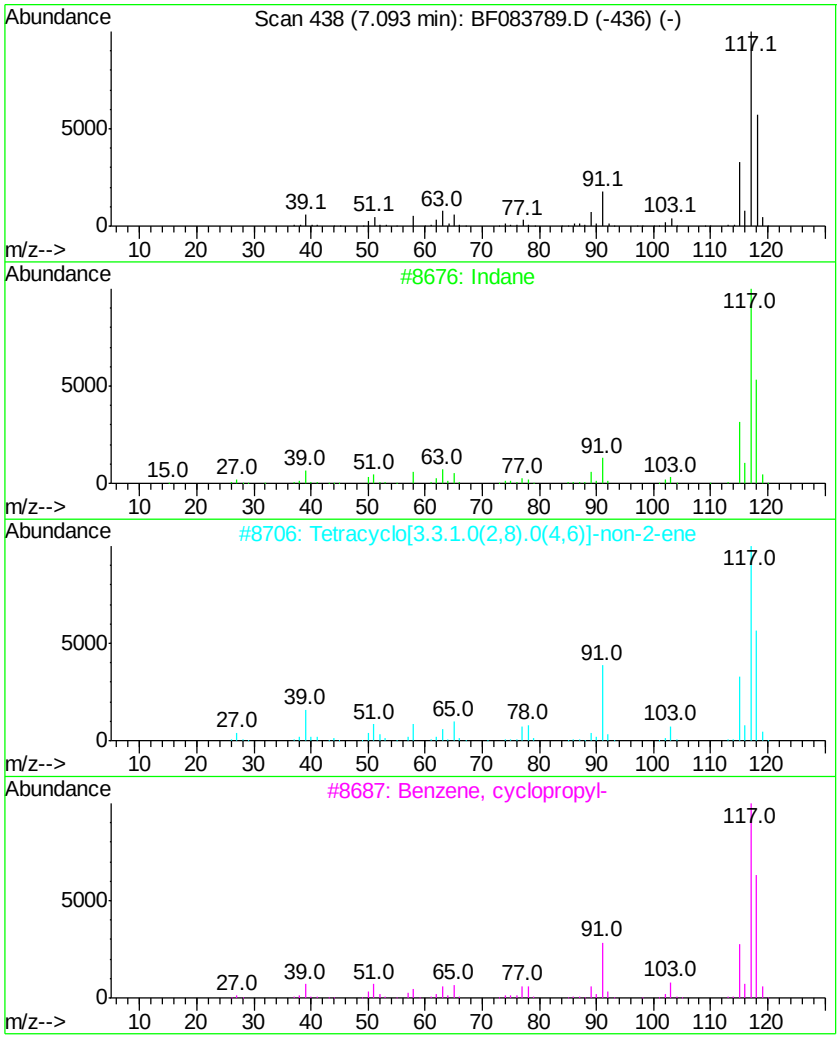
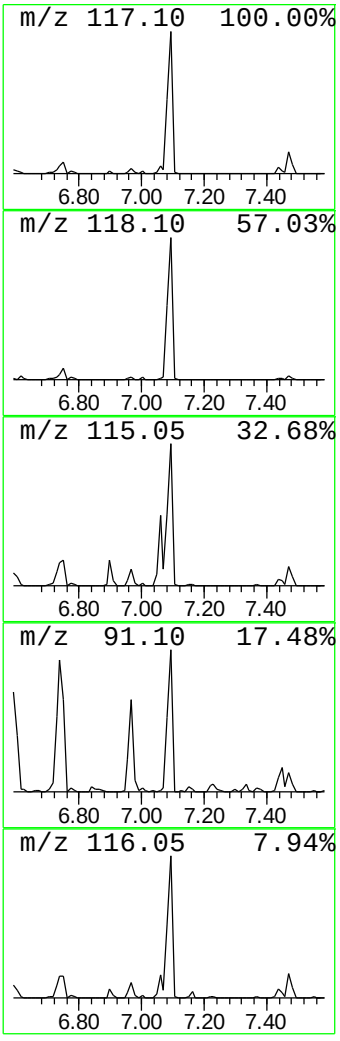
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	124.71 ng	4456000	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	6.36	35.1	ng	1254290	1	6.90	714600	20.0
Benzene, 1-ethyl-...	6.46	73.6	ng	2631280	1	6.90	714600	20.0
Benzene, 1,2,3-tr...	6.59	120.9	ng	4319380	1	6.90	714600	20.0
unknown6.67	6.67	65.2	ng	2331020	1	6.90	714600	20.0
Indane	7.09	124.7	ng	4456000	1	6.90	714600	20.0